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Date of Deposit: 11/9/01

Printed or Typed Name of Person Mailing Paper or Fee: BARBARA S PEDERSEN

Signature: Barbara S. Pedersen

PATENT APPLICATION
DOCKET NO. 2993

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Brown

SERIAL NO.: 09/877,624

GROUP ART UNIT: 3641

FILED: June 8, 2001

EXAMINER:

SUBJECT:

Remediation of Radioactive Waste By Stimulated Radioactive Decay

Assistant Commissioner for Patents

Washington, D.C. 20231

PRELIMINARY AMENDMENT IN RESPONSE TO FORMALITIES LETTER

Please enter the following amendments and remarks of record.

AMENDMENTS

In the Figures:

Please amend the application to include the attached formalized Figures 1-3 and 7 as drawings separate from the text of the Description, as required in the Formalities Letter (Notice of Missing Parts). Also, please find attached Figures 4-6 that have also been formalized and make them of record. Clean Replacement Sheets are attached in Appendix A.

In the Description:

On page 4, in the description of Figure 3, please delete the comma.

On page 4, please insert, at the end of the text on the page, the sentence: - - Figure 7 is a graph of products produced by photofission of U 238 target with 10 MeV photons.- -

On page 9, please delete Figure 1 (moved to a separate sheet as noted above) and leave only the text, as shown in the attached clean replacement sheet in Appendix B.

On page 10, please delete Figures 2, 3A, and 3B (moved to a separate sheet as noted above) and leave only Table III.

On page 22, please delete the Figure (moved to a separate sheet as noted above and labeled Figure 7) and leave only the text. Also, on page 22, at line 9 of the text, please replace "This figure" with - - Figure 7 - - .

Pages 4, 9, 10, and 22 are shown in clean replacement form in Appendix B.

REMARKS

Applicant requests further examination and reconsideration of the application.

In response to the requirements in the Notice of Missing Parts, Applicant has removed Figures 1, 2, 3A, 3B and the drawing on page 22 (now called Figure 7) from the Description, and herewith submits them as separate sheets of figures. Also, Applicant submits formalized Figures 4-6.

In the Description, Applicant has corrected a typographical error on page 4, added a description of Figure 7 on page 4, and has added "Figure 7" on page 22. Applicant attaches clean page 4, and also clean pages 9, 10, and 22 (which now do not include the Figures) in Appendix B. No new matter has been added.

2025-04-29 15:02

Table 1. Demographic characteristics of the study population	
Age (years)	Mean (SD)
Male	55.2 (10.5)
Female	56.8 (11.2)
Marital status	
Married	78.5%
Single	21.5%
Education (years)	Mean (SD)
Male	12.5 (2.5)
Female	11.8 (2.8)
Occupation	
Professional	35.2%
Managerial	28.7%
Technical	15.3%
Service	10.8%
Unemployed	9.0%
Income (USD/month)	Mean (SD)
Male	1,250 (350)
Female	1,180 (320)
Health insurance	
Yes	92.5%
No	7.5%
Smoking status	
Smoker	25.3%
Non-smoker	74.7%
Alcohol consumption	
Regular	12.1%
Occasional	38.5%
Never	49.4%
Family size	Mean (SD)
Male	3.2 (1.5)
Female	3.5 (1.8)
Comorbidities	
Hypertension	45.2%
Diabetes	32.1%
Cholesterol	28.7%
Asthma	15.3%
Depression	10.8%
Medication use	
Yes	68.5%
No	31.5%

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